

## Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

**Seiffert 1 L**  
**Art.: 6173**

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses of the substance or mixture and uses advised against**  
 Corrosion protection  
 Underfloor protection  
 Sector or use (SU):  
 SU 3 - Industrial uses: Uses of substances as such or in preparations at industrial sites  
 SU21 - Consumer uses: Private households (= general public = consumers)  
 SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)  
 Chemical product category (PC):  
 PC 9a - Coatings and paints, thinners, paint removers  
 PC24 - Lubricants, greases, release products  
 Process category (PROC):  
 PROC 7 - Industrial spraying  
 PROC 8a - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities  
 PROC 8b - Transfer of substance or mixture (charging and discharging) at dedicated facilities  
 PROC 9 - Transfer of substance or mixture into small containers (dedicated filling line, including weighing)  
 PROC10 - Roller application or brushing  
 PROC11 - Non industrial spraying  
 PROC13 - Treatment of articles by dipping and pouring  
 PROC17 - Lubrication at high energy conditions in metal working operation  
 PROC18 - General greasing/lubrication at high kinetic energy conditions  
 PROC19 - Manual activities involving hand contact  
 Article Categories (AC):  
 AC99 - Not required.  
 Environmental Release Category (ERC):  
 ERC 2 - Formulation into mixture  
 ERC 4 - Use of non-reactive processing aid at industrial site (no inclusion into or onto article)  
 ERC 7 - Use of functional fluid at industrial site  
 ERC 8a - Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)  
 ERC 8c - Widespread use leading to inclusion into/onto article (indoor)  
 ERC 8d - Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)  
 ERC 8f - Widespread use leading to inclusion into/onto article (outdoor)  
 ERC 8g - Widespread use of functional fluid (indoor)  
 ERC 8h - Widespread use of functional fluid (outdoor)  
**Uses advised against:**  
 No information available at present.

#### 1.3 Details of the supplier of the safety data sheet

LIQUI MOLY GmbH, Jerg-Wieland-Str. 4, 89081 Ulm-Lehr, Germany  
 Phone: (+49) 0731-1420-0, Fax: (+49) 0731-1420-88

Qualified person's e-mail address: [info@chemical-check.de](mailto:info@chemical-check.de), [k.schnurbusch@chemical-check.de](mailto:k.schnurbusch@chemical-check.de) Please DO NOT use for requesting Safety Data Sheets.

#### 1.4 Emergency telephone number / official advisory body:

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#### Telephone number of the company in case of emergencies:

+49 (0) 700 / 24 112 112 (LMR)

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture Classification according to Regulation (EC) 1272/2008 (CLP)

The mixture is not classified as dangerous in the terms of the Regulation (EC) 1272/2008 (CLP).

#### 2.2 Label elements Labeling according to Regulation (EC) 1272/2008 (CLP)

EUH210-Safety data sheet available on request.

#### 2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0.1 %).  
 The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0.1 %).

### SECTION 3: Composition/information on ingredients

Mineral oil raffinate

Additives

#### 3.1 Substance

n.a.

#### 3.2 Mixture

| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | 01-2119457273-39-XXXX         |
|--|-------------------------------|
| Index  | ---                           |
| Registration number (REACH)  | 918-491-9 (REACH-IT List-No.) |
| EINECS, ELINCS, NLP  | (64742-48-9)                  |
| CAS  | 40-50                         |
| content %  | Asp. Tox. 1, H304             |
| Classification according to Regulation (EC) 1272/2008 (CLP)          |                               |

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

If, for example, the note P is applied for a hydrocarbon then this has already been taken into account for the classification named here.  
 Quote: "Note P - The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0.1 % w/w benzene (EINECS No 200-753-7)."

Article 4 of the regulation (EC) no. 1272/2008 (CLP regulation) was also observed and taken into account for the classification named here.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

First-aiders should ensure they are protected!

Never pour anything into the mouth of an unconscious person!

#### Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

If the person is unconscious, place in a stable side position and consult a doctor.

**Skin contact**

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

**Eye contact**

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

**Ingestion**

Rinse the mouth thoroughly with water.

Do not induce vomiting. Consult doctor immediately.

**4.2 Most important symptoms and effects, both acute and delayed**

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

The following may occur:

Irritation of the eyes

With long-term contact:

Drying of the skin.

Dermatitis (skin inflammation)

On vapour formation:

Irritant to mucosa of the nose and throat

drowsiness

drowsiness

Headaches

Nausea

Vomiting

Dizziness

Narcotic effect.

In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

**4.3 Indication of any immediate medical attention and special treatment needed**

n.c.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

Water, jet spray/foam/CO2/dry extinguisher

**Unsuitable extinguishing media**

High volume water jet

**5.2 Special hazards arising from the substance or mixture**

In case of fire the following can develop:

Oxides of carbon

Toxic gases

Explosive vapour/air or gas/air mixtures.

Dangerous vapours heavier than air.

In case of spreading near the ground, flashback to distance sources of ignition is possible.

**5.3 Advice for firefighters**

In case of fire and/or explosion do not breathe fumes.

Protective respirator with independent air supply.

According to size of fire

Full protection, if necessary.

Cool container at risk with water.

Dispose of contaminated extinction water according to official regulations.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Remove possible causes of ignition - do not smoke.

Ensure sufficient supply of air.

Avoid contact with eyes or skin.

If applicable, caution - risk of slipping.

**6.2 Environmental precautions**

If leakage occurs, dam up.

Resolve leaks if this possible without risk.

Prevent from entering drainage system.

Prevent surface and ground-water infiltration, as well as ground penetration.

If accidental entry into drainage system occurs, inform responsible authorities.

**6.3 Methods and material for containment and cleaning up**

Soak up with absorbent material (e.g. universal binding agent) and dispose of according to Section 13.

Oil binder

**6.4 Reference to other sections**

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

**SECTION 7: Handling and storage**

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

**7.1 Precautions for safe handling**

**7.1.1 General recommendations**

Ensure good ventilation.

Avoid inhalation of the vapours.

Keep away from sources of ignition - Do not smoke.

Take measures against electrostatic charging, if appropriate.

Avoid long lasting or intensive contact with skin.

Do not carry cleaning cloths soaked in product in trouser pockets.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

**7.1.2 Notes on general hygiene measures at the workplace**

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingsuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

**7.2 Conditions for safe storage, including any incompatibilities**

Not to be stored in gangways or stair wells.

Store product closed and only in original packing.

Do not store with oxidizing agents.

Under all circumstances prevent penetration into the soil.

**7.3 Specific end use(s)**

No information available at present.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

Workplace exposure limit (WEL) of the total hydrocarbon solvent content of the mixture (RCP method according to EH40):

800 mg/m<sup>3</sup>

| Chemical Name                        | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics  | Content %:40-50 |
|--------------------------------------|---|-----------------|
| WEL-TWA: 800 mg/m <sup>3</sup>       | WEL-STEL: ---   | ---             |
| Monitoring procedures:               | - Draeger - Hydrocarbons 2/a (81 03 581)<br>- Draeger - Hydrocarbons 0.1%/c (81 03 571)<br>- Compur - KITA-187-S (5511.174) |                 |
| BMGV: ---                            | Other information: (WEL acc. to RCP-method, EH40)   |                 |
| Chemical Name                        | Oil mist, mineral   | Content %:      |
| WEL-TWA: 5 mg/m <sup>3</sup> (ACGIH) | WEL-STEL: 10 mg/m <sup>3</sup> (ACGIH)  | ---             |
| Monitoring procedures:               | - Draeger - Oil 10/a-P (67 28 371)<br>- Draeger - Oil Mist 1/a (67 33 031)  |                 |
| BMGV: ---                            | Other information: ---  |                 |

| Chemical Name          | Paraffin wax, fume | Content %              |
|------------------------|--------------------|------------------------|
| WEL-TWA: 2 mg/m3       | WEL-STEL: 6 mg/m3  | ---                    |
| Monitoring procedures: | ---                | ---                    |
| BMGV: ---              | ---                | Other information: --- |

8.2.1 Exposure controls  
**8.2.1.1 Appropriate engineering controls**  
 Ensure good ventilation. This can be achieved by local suction or general air extraction. If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn. Applies only if maximum permissible exposure values are listed here. Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques. These are specified by e.g. BS EN 14042. BS EN 14042 "Workplace atmospheres: Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

**8.2.2 Individual protection measures, such as personal protective equipment**  
 General hygiene measures for the handling of chemicals are applicable. Wash hands before breaks and at end of work. Keep away from food, drink and animal feedstuffs. Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:  
 Tight fitting protective goggles with side protection (EN 166).  
 Skin protection - Hand protection:  
 Chemical resistant protective gloves (EN 374).  
 Recommended  
 Protective nitrile gloves (EN 374)  
 Minimum layer thickness in mm:  
 0.7  
 Permeation time (penetration time) in minutes:  
 > 480  
 Protective hand cream recommended.  
 The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions.  
 The recommended maximum wearing time is 50% of breakthrough time.

Skin protection - Other:  
 Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).  
 Respiratory protection:  
 If OES or MEL is exceeded,  
 Filter A2 P2 (EN 14387), code colour brown, white  
 Observe wearing time limitations for respiratory protection equipment.

Thermal hazards:  
 Not applicable

Additional information on hand protection - No tests have been performed. In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents. Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account. Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer. In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

**8.2.3 Environmental exposure controls**  
 No information available at present.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**  
 Physical state: Liquid, Viscous  
 Colour: Darkish, Brown  
 Odour: Characteristic  
 Odour threshold: Not determined  
 pH-value: n.a.  
 Melting point/freezing point: Not determined  
 Initial boiling point and boiling range: ~160 °C  
 Flash point: >=61 °C (ISO 2719 (Pensky-Martens, closed cup))  
 Evaporation rate: Not determined  
 Flammability (solid, gas): n.a.  
 Lower explosive limit: 0.6 Vol-%  
 Upper explosive limit: 7 Vol-%  
 Vapour pressure: Not determined  
 Vapour density (air = 1): Not determined  
 Density: 0.85 g/ml (15°C)  
 Bulk density: n.a.  
 Solubility(ies): Not determined  
 Water solubility: Insoluble  
 Partition coefficient (n-octanol/water): Not determined  
 Auto-ignition temperature: >200 °C (ignition temperature)  
 Decomposition temperature: Not determined  
 Viscosity: >20.5 mm2/s (40°C)  
 Explosive properties: Product is not explosive. When using: development of explosive vapour/air mixture possible.  
 Oxidising properties: No

**9.2 Other information**  
 Miscibility / solvent: Not determined  
 Fat solubility / solvent: Not determined  
 Conductivity: Not determined  
 Surface tension: Not determined  
 Solvents content: ~44 %

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**  
 The product has not been tested.

**10.2 Chemical stability**  
 Stable with proper storage and handling.

**10.3 Possibility of hazardous reactions**  
 No dangerous reactions are known.

**10.4 Conditions to avoid**  
 See also section 7.

**10.5 Incompatible materials**  
 Heating, open flame, ignition sources  
 See also section 7.

**10.6 Hazardous decomposition products**

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See also section 5.2  
 No decomposition when used as directed.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

Possibly more information on health effects, see Section 2.1 (classification).

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|---|----------|-------|------|
| Toxicity / effect   | Endpoint | Value | Unit |
| Acute toxicity, by oral route:                                |          |       |      |
| Acute toxicity, by dermal route:                              |          |       |      |
| Acute toxicity, by inhalation:                                |          |       |      |
| Skin corrosion/irritation:                                    |          |       |      |
| Serious eye damage/irritation:                                |          |       |      |
| Respiratory or skin sensitisation:                            |          |       |      |
| Germ cell mutagenicity:                                       |          |       |      |
| Carcinogenicity:  |          |       |      |
| Reproductive toxicity:  |          |       |      |
| Specific target organ toxicity - single exposure (STOT-SE):   |          |       |      |
| Specific target organ toxicity - repeated exposure (STOT-RE): |          |       |      |
| Aspiration hazard:  |          |       |      |
| Symptoms:   |          |       |      |
| Other information:  |          |       |      |

| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics |   |       |                       |
|--|---|-------|-----------------------|
| Toxicity / effect  | Endpoint  | Value | Unit                  |
| Acute toxicity, by oral route:                                       | LD50  | >5000 | mg/kg                 |
| Acute toxicity, by dermal route:                                     | LD50  | >2000 | mg/kg                 |
| Acute toxicity, by inhalation:                                       | LC50  | >5000 | mg/m <sup>3</sup> /8h |
| Skin corrosion/irritation:   |   |       |                       |
| Serious eye damage/irritation:                                       | OECD 405 (Acute Eye Irritation/Corrosion)                     |       |                       |
| Respiratory or skin sensitisation:                                   | OECD 406 (Skin Sensitisation)                                 |       |                       |
| Germ cell mutagenicity:  | OECD 471 (Bacterial Reverse Mutation Test)                    |       |                       |
| Carcinogenicity:   | OECD 453 (Combined Chronic Toxicity/Carcinogenicity Studies)  |       |                       |
| Reproductive toxicity:   | OECD 414 (Prenatal Developmental Toxicity Study)              |       |                       |
| Reproductive toxicity:   | OECD 421 (Reproduction/Developmental Toxicity Screening Test) |       |                       |

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|   |  |  |  |  |  |  |
|---|--|--|--|--|--|--|
| Specific target organ toxicity - single exposure (STOT-SE):   |  |  |  |  |  | No indications of such an effect.                                |
| Specific target organ toxicity - repeated exposure (STOT-RE): |  |  |  |  |  | No indications of such an effect., Analogous conclusion          |
| Aspiration hazard:  |  |  |  |  |  | Yes  |
| Symptoms:   |  |  |  |  |  | unconsciousness, headaches, dizziness, vomiting, fatigue, nausea |

| Paraffin wax, fume |          |       |      |
|--------------------|----------|-------|------|
| Toxicity / effect  | Endpoint | Value | Unit |
| Symptoms:          |          |       |      |

### SECTION 12: Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification).

| Seiffert 1 L<br>Art.: 6173                |          |      |       |
|---|----------|------|-------|
| Toxicity / effect                         | Endpoint | Time | Value |
| 12.1. Toxicity to fish:                   |          |      |       |
| 12.1.1. Toxicity to daphnia:              |          |      |       |
| 12.1. Toxicity to algae:                  |          |      |       |
| 12.2. Persistence and degradability:      |          |      |       |
| 12.3. Bioaccumulative potential:          |          |      |       |
| 12.4. Mobility in soil:                   |          |      |       |
| 12.5. Results of PBT and vPvB assessment: |          |      |       |
| 12.6. Other adverse effects:              |          |      |       |
| Other information:                        |          |      |       |

| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics |          |      |       |
|--|----------|------|-------|
| Toxicity / effect  | Endpoint | Time | Value |
| 12.1. Toxicity to fish:  | LC50     | 96h  | >1000 |
| 12.1. Toxicity to fish:  | NOELR    | 28d  | 0.1   |
| 12.1. Toxicity to daphnia:   | EC50     | 48h  | >1000 |
| 12.1. Toxicity to daphnia:   | NOELR    | 21d  | 0.18  |
| 12.1. Toxicity to algae:   | ERL50    | 72h  | >1000 |
| 12.1. Toxicity to algae:   | NOELR    | 72h  | 1000  |

| Organism                         | Test method  | Notes |
|----------------------------------|--|-------|
| mykiss                           | OECD 203 (Fish, Acute Toxicity Test)                   |       |
| mykiss                           | OECD 202 (Daphnia sp. Acute Immobilisation Test)       |       |
| Daphnia magna                    | OECD 201 (Alga, Pseudokirchneriell a subcapitata Test) |       |
| Daphnia magna                    | OECD 201 (Alga, Pseudokirchneriell a subcapitata Test) |       |
| Pseudokirchneriell a subcapitata | OECD 201 (Alga, Growth Inhibition Test)                |       |

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|  |         |         |      |   |
|--|---------|---------|------|---|
| 12.2. Persistence and degradability.     | 28d     | 80      | %    | OECD 301 F<br>(Ready Biodegradability - Manometric Respirometry Test) |
| 12.3. Bioaccumulative potential.         | Log Pow | 5,5-7,2 |      |   |
| 12.4. Mobility in soil.                  | Log Koc | >3      |      | No PBT substance. No vPvB substance                                   |
| 12.5. Results of PBT and vPvB assessment |         |         |      |   |
| Water solubility.                        |         | ~10     | mg/l | Slight  |

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

##### For the substance / mixture / residual amounts

Soaked polluted cloths, paper or other organic materials represent a fire hazard and should be controlled, collected and disposed of.  
 EC disposal code no.:  
 The waste codes are recommendations based on the scheduled use of this product.  
 Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2014/955/EU)  
 07 06 99 wastes not otherwise specified  
 12 01 12 spent waxes and fats

Recommendation:  
 Sewage disposal shall be discouraged.  
 Pay attention to local and national official regulations.  
 E.g. suitable incineration plant.

##### For contaminated packing material

Pay attention to local and national official regulations.  
 Empty container completely.  
 Uncontaminated packaging can be recycled.  
 Dispose of packaging that cannot be cleaned in the same manner as the substance.

### SECTION 14: Transport information

#### General statements

14.1. UN number:  
 14.2. UN proper shipping name:  
 14.3. Transport hazard class(es):  
 14.4. Packing group:  
 Classification code:  
 14.5. Environmental hazards:  
 Tunnel restriction code:  
 Not applicable

#### Transport by sea (IMDG-code)

14.2. UN proper shipping name:  
 14.3. Transport hazard class(es):  
 14.4. Packing group:  
 Marine Pollutant:  
 14.5. Environmental hazards:  
 Not applicable

#### Transport by air (IATA)

14.2. UN proper shipping name:  
 14.3. Transport hazard class(es):  
 14.4. Packing group:  
 14.5. Environmental hazards:  
 Not applicable

#### 14.6. Special precautions for user

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Unless specified otherwise, general measures for safe transport must be followed.  
**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**  
 Non-dangerous material according to Transport Regulations.

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Observe restrictions:  
 General hygiene measures for the handling of chemicals are applicable.  
 Directive 2010/75/EU (VOC):  
 ~ 44 %

#### 15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

### SECTION 16: Other information

Revised sections:  
 8

#### Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP): Not applicable

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).  
 H304 May be fatal if swallowed and enters airways.

Asp. Tox. — Aspiration hazard

#### Any abbreviations and acronyms used in this document:

AC Article Categories  
 acc. acc. to according, according to  
 ACGIH American Conference of Governmental Industrial Hygienists  
 ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 AOEL Acceptable Operator Exposure Level  
 AOX Adsorbable organic halogen compounds  
 approx. approximately  
 ArtL Art. no. Article number  
 ATE Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)  
 BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)  
 BAU Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)  
 BCF Bioconcentration factor  
 BGV Berufsgenossenschaftliche Vorschrift (= Accident Prevention Regulation)  
 BHT Butylhydroxytoluol (= 2,6-Di-*t*-butyl-4-methyl-phenol)  
 BMGV Biological monitoring guidance value (EH40, UK)  
 BOD Biochemical oxygen demand  
 BSEF Bromine Science and Environmental Forum  
 bw body weight  
 CAS Chemical Abstracts Service  
 CEC Coordinating European Council for the Development of Performance Tests for Fuels, Lubricants and Other Fluids  
 CESIO Comité Européen des Agences de Surveillance et de leurs Intermédiaires Organiques  
 CIPAC Collaborative International Pesticides Analytical Council  
 CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)  
 CMR carcinogenic, mutagenic, reproductive toxic



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COD Chemical oxygen demand  
 CTFA Cosmetic, Toiletry, and Fragrance Association  
 DMEL Derived Minimum Effect Level  
 DNEL Derived No Effect Level  
 DOC Dissolved organic carbon  
 DT50 Dwell Time -50% reduction of start concentration  
 DVS Deutscher Verband für Schweissen und verwandte Verfahren e.V. (= German Association for Welding and Allied Processes)  
 dw dry weight  
 e.g. for example (abbreviation of Latin 'exempli gratia'), for instance  
 EC European Community  
 ECHA European Chemicals Agency  
 EEA European Economic Area  
 EEC European Economic Community  
 EINECS European Inventory of Existing Commercial Chemical Substances  
 ELINCS European List of Notified Chemical Substances  
 EN European Norms  
 EPA United States Environmental Protection Agency (United States of America)  
 ERC Environmental Release Categories  
 ES Exposure scenario  
 etc. et cetera  
 EU European Union  
 EWC European Waste Catalogue  
 Fax Fax number  
 gen. general  
 GHS Globally Harmonized System of Classification and Labelling of Chemicals  
 GWP Global warming potential  
 HET-CAM Hen's Egg Test - Chorionallantoic Membrane  
 HGWP Halocarbon Global Warming Potential  
 IARC International Agency for Research on Cancer  
 IATA International Air Transport Association  
 IBC Intermediate Bulk Container  
 IBC (Code) International Bulk Chemical (Code)  
 IC Inhibitory concentration  
 IMDG-code International Maritime Code for Dangerous Goods  
 incl. including, inclusive  
 IUCLID International Uniform Chemical-Information Database  
 LC lethal concentration  
 LC50 lethal concentration 50 percent kill  
 LCLo lowest published lethal concentration  
 LD Lethal Dose of a chemical  
 LD50 Lethal Dose, 50% kill  
 LDLo Lethal Dose Low  
 LOAEL Lowest Observed Adverse Effect Level  
 LOEC Lowest Observed Effect Concentration  
 LOEL Lowest Observed Effect Level  
 LO Limited Quantities  
 MARPOL International Convention for the Prevention of Marine Pollution from Ships  
 n.a. not applicable  
 n.av. not available  
 n.c. not checked  
 n.d.a. no data available  
 NIOSH National Institute of Occupational Safety and Health (United States of America)  
 NOAECNo Observed Adverse Effect Concentration  
 NOAEL No Observed Adverse Effect Level  
 NOEC No Observed Effect Concentration  
 NOEL No Observed Effect Level  
 ODP Ozone Depletion Potential  
 org. organic  
 PAH polycyclic aromatic hydrocarbon  
 PBT persistent, bioaccumulative and toxic  
 PC Chemical product category  
 PE Polyethylene

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 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
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 Seiflett 1 L  
 Art.: 6173

PNEC Predicted No Effect Concentration  
 POP Photochemical ozone creation potential  
 ppm parts per million  
 PROC Process category  
 PTFE Polytetrafluorethylene  
 REACHRegistration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)  
 REACH-IT List-No. 9xxx-xxxx No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.  
 RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)  
 SADT Self-Accelerating Decomposition Temperature  
 SAR Structure Activity Relationship  
 SU Sector of use  
 SVHC Substances of Very High Concern  
 Tel. Telephone  
 ThOD Theoretical oxygen demand  
 TOC Total organic carbon  
 TRGS Technische Regeln für Gefahrstoffe (=Technical Regulations for Hazardous Substances)  
 UNRTDG United Nations Recommendations on the Transport of Dangerous Goods  
 VbF Verordnung über brennbare Flüssigkeiten (= Regulation for flammable liquids (Austria))  
 VOC Volatile organic compounds  
 vPvB very persistent and very bioaccumulative  
 WEL-TWA, WEL-STEL WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period), WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period) (EH40, UK).  
 WHO World Health Organization  
 wwt wet weight

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

These statements were made by:

**Chemical Check GmbH, Chemical Check Platz 1-7, D-32839 Steinheim, Tel.: +49 5233 94 17 0, Fax: +49 5233 94 17 90**

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